

# SPECIFICATION

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## PAINTING BRUSH WITH TUBE CONTAINING WATER COLOR

### Background of Invention

[0001] *TECHNICAL FIELD*

[0002] The present invention relates to a painting brush with a tube containing a water color, which can be conveniently used by installing a brush on a lid of the tube containing the water color and by allowing the water color within the tube to run down the brush by pressing the tube. In painting, when the tube is pressed in an open state of the lid, the water color contained within the tube runs down the brush, thereby being easily painted. After using, when the lid is perfectly jointed with the tube, the discharge hole is sealed by the bottom of the brush tube, thereby safely storing the water color within the tube without any leakage. Therefore, children can conveniently carry and keep the painting brush with the tube containing the water color of the present invention.

[0003] *BACKGROUND ART*

[0004] As well known to those skilled in the art, in order to paint with colors, containers, each containing a designated color, water for properly diluting the color, a water bucket, a pallet, a brush, etc are required. However, it is very difficult and troublesome to prepare these requirements for children, which mainly use the colors. Therefore, this requirements need to be formed in one unit so that the children can satisfactorily paint with this unit.

### Summary of Invention

[0005] Therefore, the present invention has been made in view of the above problems, and it is an object of the present invention to provide a painting brush with a tube

containing a water color, in which an inner cover with a discharge hole is inserted into a port of a tube, a brush is inserted into a brush tube integrally formed on the center of a lid screw-jointed with the circumference of the port, and the bottom of the brush tube is connected to the discharge hole, thereby opening and closing the discharge hole. In painting, when the tube is pressed in an open state of the lid, the water color contained within the tube runs down the brush via the discharge hole, thereby being easily painted. After using, when the lid is closed, the discharge hole is sealed by the bottom of the brush tube, thereby safely keeping the water color within the tube without any leakage. Therefore, the children can conveniently carry and keep the painting brush with the tube containing the water color of the present invention.

## Brief Description of Drawings

- [0006] The above and other objects, features and other advantages of the present invention will be more clearly understood from the following detailed description taken in conjunction with the accompanying drawings, in which:
- [0007] Fig. 1 is a cross-sectional view of a painting brush with a tube containing a water color in accordance with the present invention;
- [0008] Fig. 2 is an enlarged view of the painting brush with a tube containing a water color; and
- [0009] Fig. 3 is a cross-sectional view of the painting brush with a tube containing a water color in an used state.

## Detailed Description

- [0010] Hereinafter, the present invention is described in detail with reference to the accompanying drawings.
- [0011] Fig. 1 is a cross-sectional view of a painting brush with a tube containing a water color in accordance with the present invention, and Fig. 2 is an enlarged view of the painting brush with a tube containing a water color. In the painting brush 1, an inner cover 20 with a discharge hole 21 is inserted into a port 11 of a tube 10, and a lid 30 is screw-jointed with the circumference of the port 11. A brush 40 is inserted into a brush tube 31, which is integrally formed on the center of the lid 30. The discharge

hole 21 is connected to the bottom of the brush tube 31. The discharge hole 21 is capable of being opened and closed. Reference number 50 denotes a water color.

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[0012] Fig. 3 is a cross-sectional view of the painting brush with a tube containing a water color in an used state. When a child ~~a little~~ opens the lid 30 to use the painting brush 1, the discharge hole 21, which is closed by the bottom of the brush tube 30, comes to be opened. When the child presses the tube 10, the water color 50 contained within the tube 10 runs down the brush 40 via the discharge hole 21, thereby easily being painted. After using, as shown in Fig. 2, when the child closes the lid 30, the discharge hole 21 is sealed by the bottom of the brush tube 31. Thereby, the water color 50 within the tube 10 can be safely kept and stored without any leakage.

[0013] *INDUSTRIAL APPLICABILITY*

[0014] As apparent from the above description, the inner cover with the discharge hole is inserted into the port of the tube 10, the brush is inserted into the brush tube formed on the center of the lid, and the bottom of the brush tube is connected to the discharge hole, thereby opening and closing the discharge hole. Therefore, in painting, when the tube is pressed in an open state of the lid, the water color contained within the tube runs down the brush via the discharge hole, thereby being easily painted. Particularly, since children mainly use the colors, when the lid is closed, the discharge hole is sealed by the bottom of the brush tube, thereby safely keeping the water color within the tube without any leakage. Therefore, the children can conveniently carry and keep the painting brush with the tube containing the water color of the present invention.

[0015] Although the preferred embodiments of the present invention have been disclosed for illustrative purposes, those skilled in the art will appreciate that various modifications, additions and substitutions are possible, without departing from the scope and spirit of the invention as disclosed in the accompanying claims.